



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


1	21/07/16	PP	EDB UPDATE	DES: CSHAH
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDBSH3T0150PB3S

1.0 httpd 2026/06/25 00:19

THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.



POWER SOLUTIONS

Guelph, ONT Compton, CA
Hyderabad, IN

hammond HPS Sentinel™ H

DRY TYPE HARMONIC MITIGATING TRANSFORMER

TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Part No. SH3T0150PB3S

Serial No. [] No. de Serie []

Model [3] HV/HT [600V]

Term Bornes [ANN H1 H2 H3]

LV/BT [150 208Z/120V]

Temp. Rise Echauffement [150 °C] Term Bornes [X1 X2 X3]

Temp Class Classe Temp [220 °C] Neutral [X0 (200% RATED)]

Winding Enroulement [AL] Energy Regulations [DOE 10 CFR PART 431:2016]

Frequency Fréquence Hz [60] Reglements Energetique [CEE ACT SOR/2018-201]

Impedance % @ 170 °C [3.9] Z₀ [0.95 MAX]

Encl Type Type De Coffrage [3R] Number of Secondaries []

Weight Poids [1350] lbs

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD

SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=1 Ip=1.5

CONNECTIONS FOR CONNECTIONS PER PHASE

VOLTS	CURRENT COURANT	% RATED VOLTAGE / % NOMINALE	CONNECTIONS FOR CONNECTIONS PER PHASE
630	137	105	1
615	141	102.5	2
600	144	100	3
585	148	97.5	4
570	152	95	5
555	156	92.5	6
540	160	90	7

ANGULAR DISPLACEMENT

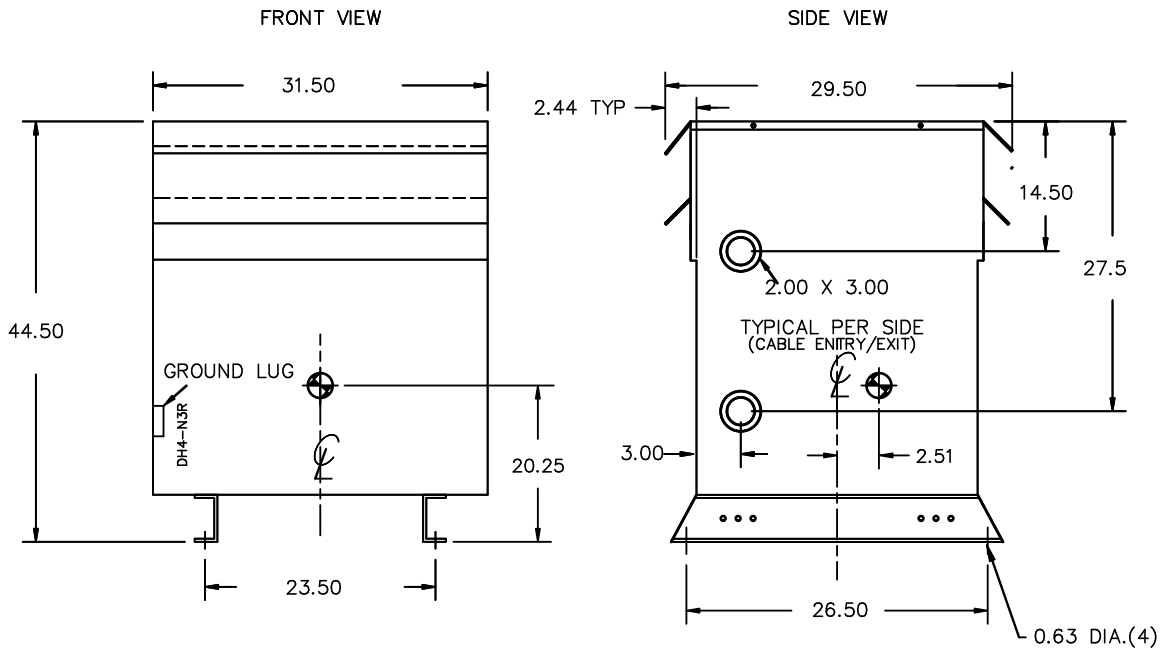
H1 32° X1
H2 15° X2
H3 7° X3

SENTINEL H

0° X0

d000190hb

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All Dimensions in inches

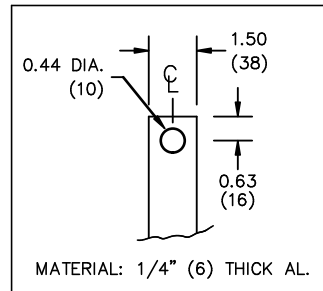
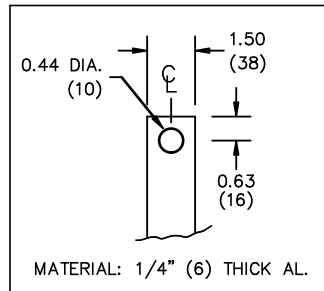
ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

XO TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- XO TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL
- C/W 2 XO PADS (DIVIDE CABLES EVENLY AMONG BOTH)



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NOTE:
 WHEN BOTTOM CABLE ENTRY IS OPTED, THE SPACE USED FOR CONDUITS IN THE FRONT OF THE TRANSFORMER SHOULD NOT OBSTRUCT MORE THAN 50% OF THE FRONT AIR INTAKE AREA DEFINED BETWEEN THE BOTTOM PLATE AND THE SUPPORTING LEGS.
 SEE MANUAL FOR ADDITIONAL INFORMATION



TITLE: 3PH DISTRIBUTION TRANSFORMER
 ENCLOSURE BOTTOM VIEW

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